



Highly engineered for performance in a competitive world, our full range of power transmission components and vibration management solutions will help both your driver and driven equipment work in concert with the laws of physics, run efficiently, and boost your productivity.

METALLIC COUPLINGS

BENEFITS

Incorporate the latest advances in Finite Element Analysis technology with the revolutionary HercuFlex Gear coupling.

FEATURES

- Unequaled bore (sizes from 7/16" to 44") and torque capacity (to 54,000,000 in-lbs)
- Seal design increases contamination resistance
- Interchangeable with standard AGMA and industry standards
- 1.5° of misalignment per gear mesh



BENEFITS

Protect power transmission systems from vibration and shock with an all-metal, flexible grid coupling.

FEATURES

- Interchangeable with industry standards up to size 1260
- Also available in spacer styles designs
- Available in 25 sizes with a maximum bore of 20" and a maximum torque of 8,250,000 in-lbs



BENEFITS

Eliminate the need for lubrication and reduce maintenance. Inspect without disassembly to keep things running.

FEATURES

- The revolutionary disc pack profile design can accommodate .5° to 1.5° of angular misalignment
- No wearing parts
- Special styles available: spacer, close coupled, drop-in, and adjustable
- Meets API 610, 671 Standards (certain models only)
- Torque capacity to 7,700,000 in-lbs



BENEFITS

Couple low to moderate speed and torque industrial applications and accommodate misalignment up to 35° on single joints and 70° on double joints.

FEATURES

- Maximum bore of 2", many bore types available such as round, hex, square, and splines
- Available in stainless steel, naval brass, and more!
- Interchangeable with industry standards
- Curtis TakeApart™ design offers easy disassembly and reassembly, no special tools required



ELASTOMERIC COUPLINGS

BENEFITS

Choose the versatile QUICK FLEX when you are ready to reduce downtime, reduce maintenance, and reduce your total cost of coupling ownership. This could be the last coupling you ever need.

FEATURES

- Transmit the same or higher torque than a gear, grid, chain or elastomeric couplings with similar dimensions
- Easy to install and requires no lubrication, lifespan matches the rotating equipment
- Replace insert without moving hubs in minutes
- Angular misalignment up to 2°



BENEFITS

Transmit uniform loads such as pumps and fans, absorb shock, dampen vibration, and accommodate up to 1° misalignment with the low maintenance, extremely durable S-Flex Endurance.

FEATURES

- Now lasts 3X longer
- Three sleeve materials provide adaptability to requirements such as intense shock loads and high vibration
- Best performing EPDM material in the marketplace
- Inch and metric finished bores
- Interchangeable with industry standards



BENEFITS

If you prefer to stick to the basics and stick to what you know, use this, the most popular fail-safe coupling in power transmission.

FEATURES

- Lovejoy offers the industry's largest variety of stock bore and keyway combinations of straight jaw couplings
- Hubs and inserts are available in many materials including stainless steel, urethane, and bronze to cater to the needs in your environment no matter how harsh



BENEFITS

Expand the utility of your straight jaw and convert it to an in-shear approach when you need to accommodate misalignment or want to reduce downtime when performing maintenance.

FEATURES

- Accommodates nominal torque up to 18,760 in-lbs
- Ready for 11 standard sizes of Lovejoy hubs
- Replace spider in minutes without tools or removing hubs
- Twice the misalignment capacity over standard jaw coupling
- Hubs available in steel and stainless steel
- Insert is 50D shore urethane max temp 200° F



BENEFITS

European style machinery? You're covered with this European standard in jaw coupling technology.

FEATURES

- Available in sintered Iron, Cast Iron, Steel and Aluminum
- Accommodates nominal torque up to 110,630 in-lbs



BENEFITS

Simultaneously handle all forms of alignment, drive train geometry, weight transfers and other diesel related conditions.

FEATURES

- Engineered coupling for any drive train involving diesel power or other sources of torsional excitation
- Isolate torsional vibration from the system
- 15 families of products
- Torque capacity to 33,000 in-lbs
- Mounting plates and housings available to fit various engines



TENSIONING & VIBRATION MANAGEMENT



BENEFITS

Extend the life of belts and chains by applying a constant tension on the drive system.

FEATURES

- Self adjusting/tensioning, easy to install
- Fits all chain sizes up to 120 single chain and C size belts
- 360° positioning flexibility
- Available in 7 stock sizes (4 styles in stainless steel)



BENEFITS

Provide a constant torque transmission with less energy consumption and increase the life of your drive system.

FEATURES

- Sixteen standard motorbases for NEMA frames 143T to 5810 and IEC frames 90S thru 315 M
- Handles motors 1/2 to 700 HP



BENEFITS

Dramatically reduce vibration and unwanted equipment movements and lengthen replacement intervals when compared to coil springs.

FEATURES

- No metal to metal contact, low wear, low maintenance
- Available in 9 stock sizes (5 sizes in stainless steel)



BENEFITS

Support or suspend vibratory equipment or drive systems; absorb tensile, pressure and shear loads, while providing effective noise reduction.

FEATURES

- Design and material allows for units to function as a spring, bearing and dampener all in one
- Mount in any position, vertically or horizontally on the floor, ceiling or wall



SPECIALTY PRODUCTS & ACCESSORIES

BENEFITS

Light duty, fractional horsepower, and precision applications such as servo and stepper motors.

FEATURES

- Seven designs available
- Beam, bellows, mini-disc, oldham, mini-soft, GS curved jaw and mini-jaw



Lovejoy is recognized around the world as the premier supplier with the widest selection of shaft couplings and power transmission components.

No matter the application, Lovejoy has the expertise, service, and solution for it.



www.lovejoy-inc.com



Common Industries

- Aggregate
- Pulp and Paper
- Steel and Metal Working
- Off-Highway
- Construction
- Power Generation
- Food and Beverage
- Textiles
- Chemical
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- Pharmaceutical
- Rubber
- Plastics
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- Petroleum Refining



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Rev C | UPC 68514489835

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